

SUMMARY

Wires

Low voltage	3
-------------	---



Image is for illustrative purpose only

Series	2B
Termination type	Male crimp
IP rating	50
AWG wire size	18.00 - 14.00
Cable Ø	8.30 - 9.20 mm
Status	active
Matching parts	EGA.2B.303.CYM

Download

[Request a quote](#)

[Catalog](#)

[See video assembly instructions](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, cable collet
Keying	2 keys (alpha=30, plug: male contacts, receptacle: female contacts)
Housing Material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces

Performance

Configuration	2B.303 : 3 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	17 Amps

Specifications

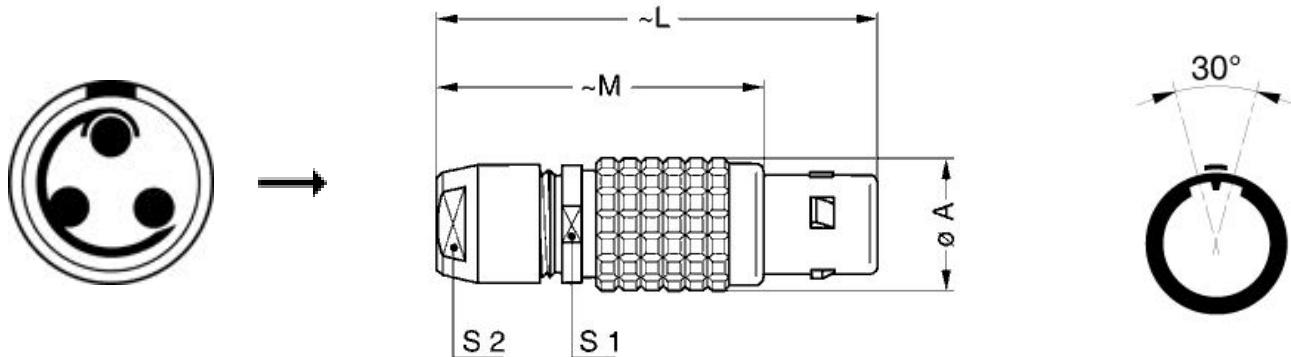
Contact Type:	Crimp
Contact Retention:	50 N
Contact Dia.:	1.6 mm (0.063in)
Bucket Dia.:	1.9 mm (0.075in)
Min. Conductor:	1 mm ² (AWG 18)
Max. Conductor:	1.5 mm ² (AWG 14)
R (max):	3.5 mOhm
Vtest (contact-shell):	1900 V (AC), 2700 V (DC)
Vtest (contact-contact):	1900 V (AC), 2700 V (DC)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Others

Endurance (Shell): 5000
Temp (min / max): -55 °C / +250 °C
Humidity (max): <=95% [at 60 deg C /140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	L	M	S1	S2
mm.	15	50	38	13	12
in.	0,59	1,97	1,50	0,51	0,47

RECOMMENDED BY LEMO

Tools

Crimp Tool: [DPC.91.101.A](#)

Crimp settings: AWG/Selector = 14-16-18/7-6-5

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Positionner: [DCE.91.162.BVCM](#)

Extractor: [DCF.91.162.2LT](#)

Replacement contact: FGG.2B.570.ZZC

Spanner wrench: [DCD.2B.025.PA120](#)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.